1031

OGEO 1600 OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/709,905A

DATE: 12/13/2001 TIME: 20:27:05

Input Set : N:\Crf3\Refhold\I709905A.raw
Output Set: N:\CRF3\12132001\I709905A.raw

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                                                                      ENTERED
             Edward T. Maggio
             P. Patrick Hess
      4 <120> TITLE OF INVENTION: Use of Computationally Derived Protein
              Structures of Genetic Polymorphisms in Pharmacogenomics for
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     7 <130> FILE REFERENCE: 24737-1906C
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     9 <141> CURRENT FILING DATE: 2000-11-10
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    11 <151> PRIOR FILING DATE: 1999-11-10
    12 <150> PRIOR APPLICATION NUMBER: 24737-1906B
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    13 <151> PRIOR FILING DATE: 2000-11-01
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    33 <301> AUTHORs: Ingallinella, P., Altamura, S., Bianchi, E., Talia
    34 <302> TITLE: Potent Peptide Inhibitors Of Human Hepatitis C Vir
    35 <303> JOURNAL: Biochemistry
    36 <304> VOLUME: 37
    37 <305> ISSUE: 25
    38 <306> PAGES: 8906-8914
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50

Peptide

PATENT APPLICATION: US/09/709,905A

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Input Set : N:\Crf3\Refhold\I709905A.raw
Output Set: N:\CRF3\12132001\I709905A.raw

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     57 <301> AUTHORS: Ingallinella, P., Altamura, S., Bianchi, E., Talia
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     59 <303> JOURNAL: Biochemistry
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     61 <305> ISSUE: 25
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PATENT APPLICATION: US/09/709,905A

DATE: 12/13/2001 TIME: 20:27:05

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Output Set: N:\CRF3\12132001\I709905A.raw

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DATE: 12/13/2001 PATENT APPLICATION: US/09/709,905A TIME: 20:27:05

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	L72 L73		65 65	Xaa	Cys	GIA	Hls		АТа	Met	СТĀ	Thr		Leu	Val	Gly	Pro		
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DATE: 12/13/2001 PATENT APPLICATION: US/09/709,905A TIME: 20:27:05

Input Set : N:\Crf3\Refhold\I709905A.raw Output Set: N:\CRF3\12132001\1709905A.raw

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218 219		305		~~~			310					315					320	
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223		Tua	Lyy	mb~	yıa	caa	Doo	ata	gtg	ctg	cca	gac	aaa -	ga				1046
224		пуъ	тър	THE	340	Gln	Pro	тте	vaı		Pro	Asp	гĀг					
	<210>	CEO.	TD I	ر. ا						345								
	<211>																	
	<212>				ŧ													
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	<220>				IIIIG II	THUIL	inoue	=1101	rency	, AT1	Lus	(HIV))					
	<221>				าร													
	<222>					/29	7 \											
	<223>							rote	2260									
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/ 239		Pro	Gln	Ile	Thr	Leu	Trn	Gln	Ara	Pro	T1e	Val	Thr	Tla	Luc	Vaa	999 Clu	40
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241			caa	cta	aσσ	gaa	act.	cta	tta	αat		gga	aca	αat	αat		ata	96
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248		Gly	Ile	Gly	Gly	Phe	Val	Lys	Val	Ara	Gln	Tvr	Asp	Gln	Ile	Pro	Tle	± 2 £
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Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.



VERIFICATION SUMMARY

L:8 M:270 C: Current Application Number differs, Wrong Format

PATENT APPLICATION: US/09/709,905A

DATE: 12/13/2001 TIME: 20:27:06

Input Set : N:\Crf3\Refhold\I709905A.raw
Output Set: N:\CRF3\12132001\I709905A.raw

L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 L:412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 L:491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 L:576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 L:630 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 L:636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 L:706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 $L:800 \ M:341 \ W: (46)$ "n" or "Xaa" used, for SEQ ID#:11 L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 L:1055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 L:1058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 L:1092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 $L\!:\!1134$ $M\!:\!341$ $W\!:$ (46) "n" or "Xaa" used, for SEQ ID#:15 L:1146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 $L\!:\!1152$ $M\!:\!341$ W: (46) "n" or "Xaa" used, for SEQ ID#:15 L:1195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 L:1225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:1265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:1298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:1301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:1313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:1316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/709,905A

DATE: 12/13/2001 TIME: 20:27:06

Input Set : N:\Crf3\Refhold\I709905A.raw
Output Set: N:\CRF3\12132001\I709905A.raw

L:1324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 L:1350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 L:1377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:2102 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:27, CDS LOCATION:

(298)...(1116)